

## DAIRY HINTS

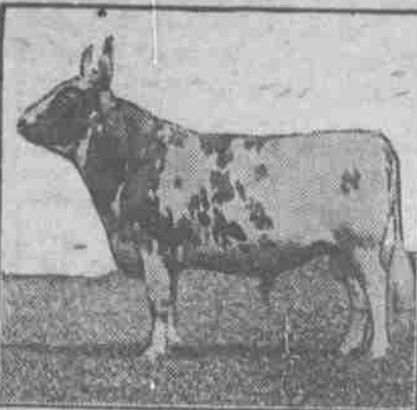
## BULL ASSOCIATIONS HELPFUL

Acted as Wedge to Stimulate Dairy Interest and Promote Better Methods in South.

(Prepared by the United States Department of Agriculture.)

An example of how bull associations, organized through the help of the United States Department of Agriculture, act as a wedge to stimulate dairy interest and promote better dairy methods in a community is illustrated by the work which has been done in Spartanburg county, S. C. Five years ago little dairymen were in this county, according to dairymen of the department, but now the industry is making rapid progress and up-to-date methods are being practiced largely as a result of the organization of a bull association.

The interest in dairying dates from the beginning of the purebred bull movement in the vicinity of Campbellton in 1910. At that time a breeder, in



The Best Way to Improve a Dairy Herd is by the Introduction of a Purebred Sire.

the hope of starting an interest in better stock and creating a demand for his animals, presented a purebred bull to the community. Little interest was taken, and the gift was accepted with reluctance. The community was made up of small farms and there were few cows.

Following this a dairymen's picnic and exhibition of live stock was held, and as a result of extension work carried on by the dairy division of the department in co-operation with Clemson Agricultural college more people became interested and bought cows. In 1917 a co-operative bull association was organized, from which developed a live stock show, and the members of the association developed a keen interest in comparing the dairy animals they raised.

Another show was held in 1920, at which prizes, offered by merchants and bankers consisting of cash, merchandise, and savings accounts were awarded. One of the features of the show was a program of short talks on local problems by the county agent, leading farmers, and representatives of the commercial club and the State Jersey Breeders' association. As an indication of the interest that was aroused those attending the show voted unanimously to hold a community fair next fall, to include not only dairy stock but other agricultural products.

## SPRAY TO KEEP FLIES AWAY

Best Time to Apply Repellent is in Morning After Milking or Early in Afternoon.

To keep cows quiet and contented they should be sprayed to keep flies off. A good time to spray is after milking in the morning and before milking time in the afternoon.

With a portable cart, made from a half barrel by attaching wheels and a spray pump and nozzle, two men can spray 40 cows in five minutes. Thirty gallons of mixture will spray 40 cows twice a day for 10 days.

Formula: 4½ quarts coal tar dip, 4½ quarts fish oil, 3 quarts cod oil, 3 quarts whale oil and 1½ quarts oil of tar. Dissolve 3 pounds laundry soap in water, add the above ingredients and bring the whole up to 30 gallons with lukewarm soft water.

## PUREBREDS REPLACE SCRUBS

Nothing but Registered Sires Being Used at the Louisiana State Normal School.

"Within the past ten days we have sold to the butcher five scrub cows. We are now keeping only high grades and purebreds." With this explanation an official of the Louisiana State Normal school in Natchitoches parish enrolled in the "Better Sires, Better Stock" movement conducted by the United States Department of Agriculture and the various states. All the live stock on the school farm, which includes cattle, swine and poultry, are being bred only to purebred sires.

## BEST TIME TO SELECT CALF

If Dam is Wide, Deep-Bodied Cow Giving Liberal Supply of Milk Useful Animal is Assured.

The best time to select a cow is at a few months of age, when it may be seen with its mother, or, at any rate, before it is weaned. Observe the calf's mother. If she is a wide, deep-bodied cow with plenty of size and is giving a liberal supply of milk, you may be reasonably sure that the calf, if sired by a good bull and properly cared for, will grow into a useful breeding animal.

## BURNS TO DEATH IN A HOSPITAL

Insane Woman Builds Fire and Stands in It While Her Flesh Roasts.

## SHE FIRST BOLTS DOOR

Attendants Frantically Try to Break Down Barrier as Woman is Blazing—Act Due to Frenzy of Despair in Lucid Moment.

Philadelphia.—A frightful and sensational suicide occurred at the Philadelphia hospital, when a patient, Lena Frank, thirty years old, barricaded herself in a room, built a fire and threw herself upon it until she was horribly burned. She lived only a short time after she had been taken from the flames by attendants.

Physicians believe that the woman, who was confined to the institution for recurrent insanity, had a lucid moment in which she discovered that she was a virtual prisoner in a place for the insane and the realization of her plight drove her into a frenzy of despair which ended in the suicidal attempt.

## Normal at Times.

The woman was admitted to the hospital last February, and was treated for the temporary visits of derangement. At times her mind would become apparently normal, and on these occasions she was greatly dejected at discovering her condition. Hope was held out that she would eventually recover from her mental disease.

She arose at 6:30 a. m., the usual hour for patients, dressed and walked about the institution. She had always been of a calm disposition, and for that reason there was never any effort made to hamper her movements. She walked undisturbed into a serving kitchen leading to the ward in which she was assigned.

Dr. L. V. Schwadt, a woman physician, was the first to learn of the woman's desperate act. She heard a piercing shriek come from the kitchen into which Lena Frank had gone, and upon running there she found that the door had been locked. Wisps of smoke came through the crevices in the partition and she began to smell the horrible odor of burning flesh.

## Break in the Door.

Doctor Schwadt shouted for help and several attendants came to her assistance and tried to open the door.



Her Figure Flamed Like a Torch.

Spurred by the cries of anguish that came from the room, the men hurried their weight against the door and finally broke it down.

The room was a ghastly sight. The woman had piled newspapers and refuse high in the center of the floor and had set fire to the mass. She then stepped into the middle of the blaze and stood there until her figure flamed like a torch. She fell unconscious just as the attendants rushed to her and tried to beat out the flames.

The woman was rushed to the surgical ward and everything possible was done to alleviate her agony, but her body was literally roasted over two-thirds of its surface, and she breathed only a few minutes.

## Steals Electric Fan.

Cleveland.—The hot weather produced one thief, according to the police, who shed all scruples in his search for loot.

John Semmens, custodian of the old stone church on Public square, reported that the thief got into the church and walked off with an electric fan.

## Thunderstorm Restores His Voice.

Ogdensburg, N. Y.—C. Lavier is able to talk again since a thunder storm shook the steamship on which he was traveling to visit a sister in Montreal, Canada. He had been dumb for nine months as a result of a shock received while with the Canadian army in the World war.

## LIVE STOCK NEWS

## TEMPORARY SHEEP PASTURES

Results of Experiment Made by Department of Agriculture on 30-Acre Field in Maryland.

(Prepared by the United States Department of Agriculture.)

On a 30-acre field in Maryland, used by the United States Department of Agriculture to test the carrying capacity of temporary pastures for sheep, sufficient pasturage was produced to furnish an average of 565 days' grazing on each acre for a mature ewe. This is equivalent to about two sheep an acre for a season of 250 days, or two and one-half sheep for a 200-day period.

This pasturage is much more than could be obtained from perennial grass grown on land of the character and value of that used in the experiment; the department sheep specialists say, but not more than can be obtained from the best blue-grass pastures. Good land used for such a succession of temporary pastures should produce from 50 to 100 per cent more pasturage.



Lambs on Pasture in Maryland.

age than was obtained in this instance.

In such a system as the one under trial there is not much choice of crops to be used in different months. It is chiefly necessary to make sure of having one crop ready when the preceding one is finished. All the crops used in 1919, the third year of the experiment, stimulated a good flow of milk in the ewes, produced good growth in the lambs, and, after weaning, put the ewes in good condition for fall breeding.

The ewes and lambs were all purebred Southdowns. Some of the ewes raising lambs received a half-pound of grain each daily until May 10, and 22 head of ewes in a fall-breeding experiment received a light feed of grain during September and October. All the lambs were kept for breeding purposes and were fed some grain throughout the summer. In calculating how far the feed actually produced would go for grown sheep it was considered that a lamb ate one-fourth as much as a sheep until July 1, and after that one-half as much. A total of 620 hours' work for a man and a team was required for plowing and seeding the 60 acres used in 1919.

Under the conditions of this experiment fall-sown wheat and spring seedlings of oats and peas sown together at the rate of 1½ bushels per acre have been most satisfactory for grazing in spring and early summer. Soy beans are ready for grazing about the middle of July and furnish most of the feed until October. In November fall-sown wheat and rye have been used most, though late seedlings of corn and velvet beans were used in 1919 for the first time on 1½ acres that had received an extra top dressing of manure.

The number of days of grazing from one acre of each crop in 1919 was as follows, calculated on its pasture value for one mature ewe:

Days.		Days.	
Rape .....	252	Cowpeas .....	210
Soy beans .....	312	Alfalfa .....	882
Oats and peas ..	319	Barley .....	278
Wheat .....	309	Rye .....	180

## TYPES OF BABY BEEF COWS

Three Important Factors Should Be Kept in Mind in Making Selection of Breeders.

In selecting cows from which baby beef is to be produced, three very important factors should be kept in mind:

1. The cows should have at least a fair amount of beef blood. Purebreds are not necessary, but two or three crosses of such breeding is essential. Cows with a preponderance of dairy blood will not do for the production of baby beef.

2. Cows best suited for this type of breeding usually weigh 900 pounds or over in thrifty breeding condition. So long as early maturity is not sacrificed, the heavier cows are the most suitable for baby-beef production. Size of frame rather than weight should govern in selecting cows which are to be used for this purpose.

3. The cows used to produce baby bevers should produce enough milk to keep the calves fat and growing without much additional feed up to weaning time.

In addition to these three factors, such things as constitution, uniformity of breeding, color, size and early maturity should be considered.

## YOU NEVER CAN TAME A WILD-CAT

Mr. Dodson Warns Against Use of Treacherous, Dangerous Calomel.

Calomel salivates! It's mercury. Calomel acts like dynamite on a sluggish liver. When calomel comes into contact with sour bile it crashees into it, causing cramping and nausea.

If you feel bilious, headachy, constipated and all knocked out, just go to your druggist and get a bottle of Dodson's Liver Tonic for a few cents which is a harmless vegetable substitute for dangerous calomel. Take a spoonful and if it doesn't start your liver and straighten you up better and quicker than nasty calomel and without making you sick, you just go back and get your money.

If you take calomel today you'll be sick and nauseated tomorrow; besides, it may salivate you, while if you take Dodson's Liver Tonic you will wake up feeling great, full of ambition and ready for work or play. It's harmless, pleasant and safe to give to children; they like it.—Advertisement.

## Revised.

Suitor—I'm afraid I'm not worthy enough for your daughter, sir. Practical Parent—We won't argue that. The question is: Are you worth enough?

Cuticura Soothes Baby Rash. That itchy and burn with hot baths of Cuticura Soap followed by gentle anointings of Cuticura Ointment. Nothing better, purer, sweeter, especially if a little of the fragrant Cuticura Talcum is dusted on at the finish. 25c each everywhere.—Advertisement.

Keeps It in Circulation. "I never refuse advice, however humble the source." "Do you always act on it?" "No, I pass it on to the next person I meet."

## FOR SUMMER COLDS

Use Vacher-Balm; it relieves at once. If we have no agent where you live, write to E. W. Vacher, Inc., New Orleans, La.—Advertisement.

An apt quotation is sometimes better than an original remark.

Don't think because a man has one foot in the grave that he isn't able to do a lot of kicking.

## MINISTER DISCUSSES HIS WIFE'S TROUBLES

Rev. A. H. Sykes, former pastor of the Watkins Park Presbyterian church, Nashville, Tenn., says:

"After seeing what Tanlac has accomplished in my wife's case, I am convinced that it is a medicine of great power and extraordinary merit. I do not think I have ever seen anything give such prompt results. Mrs. Sykes had been in delicate health for ten months, suffering from stomach trouble and nervous breakdown.

"I frequently sought medical advice but Tanlac is the only thing that gave her any relief. After taking the medicine only a short time, she was able to sit up and help with the household duties. I think it only a short time until her health will be fully restored."

Tanlac is sold by leading druggists everywhere.—Advertisement.

## Women Like to Cool Feet.

About half the women who drop into shoe stores to try on new pumps and the like have no idea of buying. Says a clerk in one of the uptown stores who has been keeping tabs on customers. They simply want to cool off their feet. During the hot weather the percentage of nonbuyers runs high.—New York Sun.

## ASPIRIN

Name "Bayer" on Genuine



Beware! Unless you see the name "Bayer" on package or on tablets you are not getting genuine Aspirin prescribed by physicians for twenty-one years and proved safe by millions. Take Aspirin only as told in the Bayer package for Colds, Headache, Neuralgia, Rheumatism, Earache, Toothache, Lumbago, and for Pain. Handy tin boxes of twelve Bayer Tablets of Aspirin cost few cents. Druggists also sell larger packages. Aspirin is the trade mark of Bayer Manufacture of Monacetaldehyde of Salicylic acid.—Advertisement.

Sound Travels Far at Night. On calm nights the range of audibility of a sound is sometimes from ten to twenty times as great as it is during the day.

## Stop That Backache!

Those agonizing twinges, that dull, throbbing backache, may be warning of serious kidney weakness—serious if neglected, for it might easily lead to gravel, dropsy or fatal Bright's disease. If you are suffering with a bad back look for other proof of kidney trouble. If there are dizzy spells, headaches, tired feeling and disordered kidney action, get after the cause. Use Doan's Kidney Pills, the remedy that has helped thousands. Satisfied users recommend Doan's. Ask your neighbor!

## A Mississippi Case

W. N. Huntin, architect and builder, College St., Starkville, Miss., says: "I used to suffer quite badly from kidney complaint and I was in such shape I could hardly get about. My back was so lame I could just about hang on. Doan's Kidney Pills and they did me as much good as they did me of the complaint."

Get Doan's at Any Store, 60c a Box. DOAN'S KIDNEY PILLS. FOSTER-MILBURN CO., BUFFALO, N. Y.

## MOSQUITO BARS 65c



## KEEP OFF DEADLY MOSQUITOES

Tent shaped mosquito bar, made of 15 yards of best mosquito net and boltonette, bound with 4 inch tape. Size, 27 1/2 in. long on ridge. Approximately 64 in. high. Cost government \$2.00 each. Put one over your bed or porch swing. Fine for cottage, or auto, hunting and fishing trips. Just the thing to protect from filthy mosquitoes the children at play. An astounding value at 65c, plus 20c postage. The material alone is worth several dollars. Satisfaction guaranteed. Order immediately as many as you can use, for they won't last long at the special reduced price.

ATLANTA ARMY STORES. 555-L Marietta St. Atlanta, Ga.

Leggett & Myers KING PIN PLUG TOBACCO Known as "that good kind" Try it—and you will know why

W. N. U., MEMPHIS, No. 35-1921.

## Making History.

INFANT MORTALITY in past ages has been something frightful, something almost beyond belief, and even today it occupies the time and the mind of leading physicians in all countries. The death rate among infants is being gradually reduced through new methods of hygiene, new preventatives and new remedies for infants. This reduction in the death rate has NOT been accomplished by adapting the precautions taken and remedies used by adults. Rather has it been to keep clear of the old methods, and choose after long research the precautions and remedies specifically applicable to infants.

This being so, is it necessary for us to caution mothers against trying to give her baby relief with a remedy that she would use for herself? Will she remember that Fletcher's Castoria is strictly a remedy for infants and children?

## Children Cry For

Fletcher's CASTORIA

## Of Course You Love Your Baby.

You love it because of its very helplessness, because it can't tell you what is the matter when it feels bad. It can only cry and look to you for help. But the more you love baby, the more you want to help baby, the more you ought to realize what a wonderful remedy Fletcher's Castoria is. It has been used for babies' ailments for over thirty years.

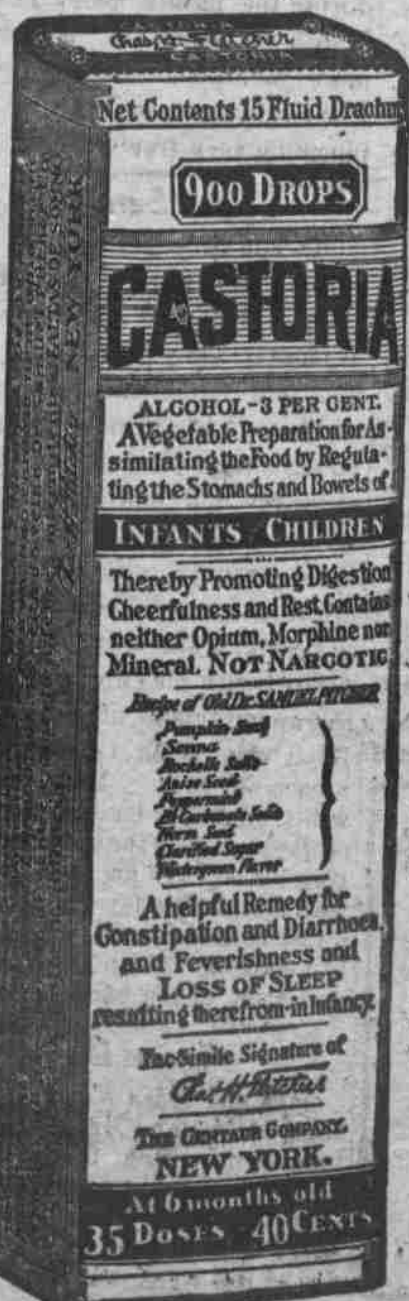
An experienced doctor discovered Fletcher's Castoria especially for babies' use. It is a harmless substitute for Castor Oil, Paregoric, Drops and Soothing Syrups. Doctors who know what is safe and best for babies have only good to say of it.

Don't neglect your baby. Get a bottle of Fletcher's Castoria and give baby a few doses of it. See how the little one smiles at you as if trying to thank you for helping it. Soon you will learn to depend on Fletcher's Castoria, made just for infants and children, and of course you would not think of using anything for them that was not prepared especially for infants and children. So keep it in the house.

## GENUINE CASTORIA ALWAYS

Bears the Signature of

Chas. H. Fletcher.



Exact Copy of Wrapper.

THE CENTAUR COMPANY, NEW YORK CITY.